

# Open Data Lab Annual Report - 2018

The Open Data Lab Collaboration

December 17, 2018



# The Team

---



”At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et quas molestias excepturi sint occaecati cupiditate non provident,At vero eos et accusamus et dent,  
”

---



”At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et quas molestias excepturi sint occaecati cupiditate non provident, ”

---



text

---



text

---



# **Letter from the editor**

hello world

# Contents

<b>1 Overview</b>	<b>5</b>
1.1 What is the Open Data Lab? . . . . .	6
1.1.1 Long Term Goals . . . . .	6
1.1.2 Short Term Goals . . . . .	6
1.2 A phased approach . . . . .	6
1.3 User archetypes . . . . .	6
1.4 User Summary . . . . .	6
1.5 What's next for the Open Data Lab? . . . . .	7
<b>2 Key Developments</b>	<b>8</b>
2.1 Phase 1 - Closed $\beta$ . . . . .	8
2.2 Establishment of User base . . . . .	8
2.3 Technology exploration . . . . .	8
2.3.1 Amazon Web Services . . . . .	8
2.3.2 Local UVA - Rivanna and Ivy . . . . .	8
2.3.3 Github . . . . .	8
2.3.4 Dataverse . . . . .	8
<b>3 Research</b>	<b>9</b>
3.1 Research Projects . . . . .	9
3.2 Datasets . . . . .	9
<b>4 Education</b>	<b>10</b>
<b>5 Vital Metrics</b>	<b>11</b>
5.1 AWS usage . . . . .	11
5.2 FTE analysis . . . . .	11
5.3 Budget . . . . .	11



# Chapter 1

## Overview

### 1.1 What is the Open Data Lab?

#### 1.1.1 Long Term Goals

#### 1.1.2 Short Term Goals

### 1.2 A phased approach

### 1.3 User archetypes

### 1.4 User Summary

group	projectID	# members	type
Bourne-Mura	bamc	4	MSDS Capstone
CBW	cbwc	4	MSDS Capstone
Wiki	wiki	9	MSDS Capstone
Mental Health	miip	6	SYS Capstone
Women Terror Recruitment	watr	2	Presidential Fellow
Healthy Markets	hmtt	5	DSI Research
Independent Study	pmis	1	DSI Research
Linked Open Data	nept	2	External Data
Spark	sprk	17	Education
GitHub	gith	9	Education
ORCI	orci	2	ODL Development
ML under	–	7	Club
ML grad	– 6	3	Club
Rivanna	–	11	Local
Ivy	–	6	Local
ODL-education	–	26	Education Users
ODL-users	–	68	Unique Users

## 1.5 What's next for the Open Data Lab?

# **Chapter 2**

## **Key Developments**

- 2.1 Phase 1 - Closed  $\beta$**
- 2.2 Establishment of User base**
- 2.3 Technology exploration**
  - 2.3.1 Amazon Web Services**
  - 2.3.2 Local UVA - Rivanna and Ivy**
  - 2.3.3 Github**
  - 2.3.4 Dataverse**

# **Chapter 3**

## **Research**

### **3.1 Research Projects**

### **3.2 Datasets**

# **Chapter 4**

## **Education**

innovative workshop using sagemaker and jupyter hub

# Chapter 5

## Vital Metrics

5.1 AWS usage

5.2 FTE analysis

5.3 Budget